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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/029,436

DATE: 11/01/2002

TIME: 11:58:36

Input Set : N:\Crif3\RULE60\10029436.raw

Output Set: N:\CRF4\11012002\J029436.raw

1 <110> APPLICANT: Smith, Kelli E.
2 Weinshank, Richard L.
3 <120> TITLE OF INVENTION: DNA Encoding A Human Receptor (hpl5a) And Uses
4 Thereof
5 <130> FILE REFERENCE: 55180
6 <140> CURRENT APPLICATION NUMBER: 10/029,436
7 <141> CURRENT FILING DATE: 2001-12-19
9 <150> PRIOR APPLICATION NUMBER: US/09/179,798A
10 <151> PRIOR FILING DATE: 1998-10-27
12 <160> NUMBER OF SEQ ID NOS: 16
13 <170> SOFTWARE: PatentIn Ver. 2.1
15 <210> SEQ ID NO: 1
16 <211> LENGTH: 1311
17 <212> TYPE: DNA
18 <213> ORGANISM: Homo sapiens
19 <400> SEQUENCE: 1
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21 atgtggaaca gctctgacgc caacttctcc tgctaccatg agtctgtgct gggctatcgt 120
22 tatgttgtag ttagctgggg ggtggtggtg gctgtgacag gcaccgtggg caatgtgctc 180
23 accctactgg ccttggccat ccagcccaag ctccgtaccc gattcaacct gctcatagcc 240
24 aacctcacac tggctgatct cctctactgc acgctccttc agcccttctc tgtggacacc 300
25 tacctccacc tgcactggcg caccgggtgc accttctgca gggatatttg gctcctcctt 360
26 tttgcctcca attctgtctc catcctgacc ctctgcctca tgcactggg acgctacctc 420
27 ctcatgtgcc accctaagct ttttcccaa gttttcagtg ccaaggggat agtgctggca 480
28 ctggtgagca cctgggttgt gggcgtggcc agctttgctc ccctctggcc tatttatatc 540
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30 atcctcatgg gcatctactt tgtgcttggg ctccagcagt ttggcatctt ctattgcctc 660
31 atccaccgcc aggtcaaagc agcagcacag gcaactggac aatacaagtt gcgacaggca 720
32 agcatccact ccaaccatgt ggccaggact gatgaggcca tgccctggtcg tttccaggag 780
33 ctggacagca ggtagcatc aggaggacc agtgaggga tttcatctga gccagtcagt 840
34 gctgccacca cccagaccct ggaaggggac tcatcagaag tgggagacca gatcaacagc 900
35 aagagagcta agcagatggc agagaaaagc cctccagaag catctgcca agcccagcca 960
36 attaaaggag ccagaagagc tccggattct tcatcggaat ttgggaagg gactcgaatg 1020
37 tgttttgctg tgttcctctg ctttgccttg agctacatcc ccttcttgc gctcaacatt 1080
38 ctggatgcca gagtccaggc tccccgggtg gtccacatgc ttgctgcca cctcacctgg 1140
39 ctcaatggtt gcatcaaccc tgtgctctat gcagccatga accgccaatt ccgccaagca 1200
40 tatggctcca ttttaaaaag agggccccgg agtttccata ggctccatta gaactgtgac 1260
41 cctagtcacc agaattcagg actgtctcct ccaggaccaa agtggcaggt a 1311
43 <210> SEQ ID NO: 2
44 <211> LENGTH: 396
45 <212> TYPE: PRT
46 <213> ORGANISM: Homo sapiens
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48	Met	Trp	Asn	Ser	Ser	Asp	Ala	Asn	Phe	Ser	Cys	Tyr	His	Glu	Ser	Val
49	1				5				10						15	
50	Leu	Gly	Tyr	Arg	Tyr	Val	Ala	Val	Ser	Trp	Gly	Val	Val	Val	Ala	Val
51				20					25						30	
52	Thr	Gly	Thr	Val	Gly	Asn	Val	Leu	Thr	Leu	Leu	Ala	Leu	Ala	Ile	Gln
53				35				40						45		
54	Pro	Lys	Leu	Arg	Thr	Arg	Phe	Asn	Leu	Leu	Ile	Ala	Asn	Leu	Thr	Leu
55		50					55					60				
56	Ala	Asp	Leu	Leu	Tyr	Cys	Thr	Leu	Leu	Gln	Pro	Phe	Ser	Val	Asp	Thr
57	65					70				75						80
58	Tyr	Leu	His	Leu	His	Trp	Arg	Thr	Gly	Ala	Thr	Phe	Cys	Arg	Val	Phe
59					85				90						95	
60	Gly	Leu	Leu	Leu	Phe	Ala	Ser	Asn	Ser	Val	Ser	Ile	Leu	Thr	Leu	Cys
61				100					105					110		
62	Leu	Ile	Ala	Leu	Gly	Arg	Tyr	Leu	Leu	Ile	Ala	His	Pro	Lys	Leu	Phe
63			115						120					125		
64	Pro	Gln	Val	Phe	Ser	Ala	Lys	Gly	Ile	Val	Leu	Ala	Leu	Val	Ser	Thr
65		130					135					140				
66	Trp	Val	Val	Gly	Val	Ala	Ser	Phe	Ala	Pro	Leu	Trp	Pro	Ile	Tyr	Ile
67	145					150					155					160
68	Leu	Val	Pro	Val	Val	Cys	Thr	Cys	Ser	Phe	Asp	Arg	Ile	Arg	Gly	Arg
69					165					170					175	
70	Pro	Tyr	Thr	Thr	Ile	Leu	Met	Gly	Ile	Tyr	Phe	Val	Leu	Gly	Leu	Ser
71				180					185						190	
72	Ser	Val	Gly	Ile	Phe	Tyr	Cys	Leu	Ile	His	Arg	Gln	Val	Lys	Arg	Ala
73			195						200					205		
74	Ala	Gln	Ala	Leu	Asp	Gln	Tyr	Lys	Leu	Arg	Gln	Ala	Ser	Ile	His	Ser
75		210					215					220				
76	Asn	His	Val	Ala	Arg	Thr	Asp	Glu	Ala	Met	Pro	Gly	Arg	Phe	Gln	Glu
77	225					230					235					240
78	Leu	Asp	Ser	Arg	Leu	Ala	Ser	Gly	Gly	Pro	Ser	Glu	Gly	Ile	Ser	Ser
79					245					250					255	
80	Glu	Pro	Val	Ser	Ala	Ala	Thr	Thr	Gln	Thr	Leu	Glu	Gly	Asp	Ser	Ser
81				260					265					270		
82	Glu	Val	Gly	Asp	Gln	Ile	Asn	Ser	Lys	Arg	Ala	Lys	Gln	Met	Ala	Glu
83			275						280					285		
84	Lys	Ser	Pro	Pro	Glu	Ala	Ser	Ala	Lys	Ala	Gln	Pro	Ile	Lys	Gly	Ala
85		290					295					300				
86	Arg	Arg	Ala	Pro	Asp	Ser	Ser	Ser	Glu	Phe	Gly	Lys	Val	Thr	Arg	Met
87	305					310					315					320
88	Cys	Phe	Ala	Val	Phe	Leu	Cys	Phe	Ala	Leu	Ser	Tyr	Ile	Pro	Phe	Leu
89					325					330					335	
90	Leu	Leu	Asn	Ile	Leu	Asp	Ala	Arg	Val	Gln	Ala	Pro	Arg	Val	Val	His
91				340					345						350	
92	Met	Leu	Ala	Ala	Asn	Leu	Thr	Trp	Leu	Asn	Gly	Cys	Ile	Asn	Pro	Val
93			355					360					365			
94	Leu	Tyr	Ala	Ala	Met	Asn	Arg	Gln	Phe	Arg	Gln	Ala	Tyr	Gly	Ser	Ile
95		370					375					380				
96	Leu	Lys	Arg	Gly	Pro	Arg	Ser	Phe	His	Arg	Leu	His				

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97          385          390          395
99 <210> SEQ ID NO: 3
100 <211> LENGTH: 45
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
105 <400> SEQUENCE: 3
106          ggcatcatca tgggcacctt catcctctgc tggctgccct tcttc          45
108 <210> SEQ ID NO: 4
109 <211> LENGTH: 45
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
114 <400> SEQUENCE: 4
115          gcagaagggc agaacaagag ccacgatgaa gaagggcagc cagca          45
117 <210> SEQ ID NO: 5
118 <211> LENGTH: 45
119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
123 <400> SEQUENCE: 5
124          tggctgtcat cggacatcac ttgttgcaact gcctccatcc tgcac          45
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127 <211> LENGTH: 45
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
132 <400> SEQUENCE: 6
133          gtagcgggtcc agggcgatga cacagaggtg caggatggag gcagt          45
135 <210> SEQ ID NO: 7
136 <211> LENGTH: 45
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
141 <400> SEQUENCE: 7
142          atcctctaca ctgtctactc cacgggtgggt gctttctact tcccc          45
144 <210> SEQ ID NO: 8
145 <211> LENGTH: 45
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
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151          gccatagagg gcgatgagga gcaggggtggg gaagtagaaa gcacc          45

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158 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
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163 <211> LENGTH: 46
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
168 <400> SEQUENCE: 10
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171 <210> SEQ ID NO: 11
172 <211> LENGTH: 37
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
177 <400> SEQUENCE: 11
178      cgcgatcca ttatgtctgc actccgaagg aaatttg      37
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181 <211> LENGTH: 38
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
186 <400> SEQUENCE: 12
187      cgcgattct tatgtgaagc gatcagagtt catttttc      38
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190 <211> LENGTH: 34
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
195 <400> SEQUENCE: 13
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203 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
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205      ccggaattcc cctcacaccg agcccctgg      29
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Input Set : N:\Crf3\RULE60\10029436.raw

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209 <212> TYPE: DNA
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212 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
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214 acctcacact ggctgatctc ctct 24
216 <210> SEQ ID NO: 16
217 <211> LENGTH: 25
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
222 <400> SEQUENCE: 16
223 gtagatgccc atgaggatgg tgggtg 25

VERIFICATION SUMMARY

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